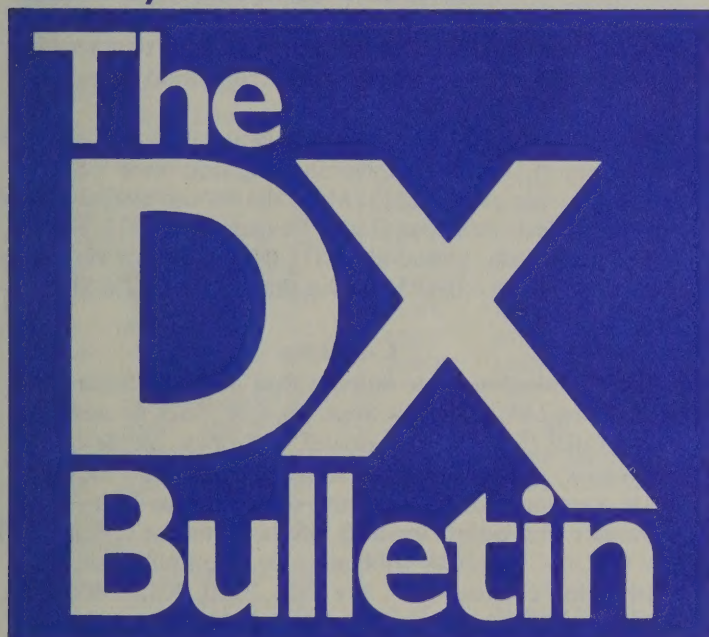


**Aland Islands - OH0** Ari OH1EH and Jukka

OH2MAM have constructed a major contest station on the Aland Islands (EU-002), complete with FT-1000s and 5-over-5 monobanders. OH0DX will make its first contest appearance in the Scandinavian Activity Contest (SAC), CW Sept. 18-19, and SSB Sept. 25-26. (See Issue 703 for more details.) Miika Heikinheimo OH2BAD will confirm all contest contacts with a special QSL; for direct response, contact him at Sammonkatu 7A4, 00100 Helsinki, Finland, or via the OH bureau. In addition to OH0DX, OH0AM will be active in both modes of CQWW.

**Aland Islands - OH0** The club station OH2EW/OH0 will be a multi-single entry in the SAC SSB test Sept. 25-26, with OH2s BAP BEJ BMY BUA KM KIF NGS and ZA operating. QSL Callbook address.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Bahamas - C6A** John W9ILY and Ed K2ZDC will operate C6A/ from Treasure Cay (NA-080) on Great Abaco Oct. 17-20, on 80-10 meters, including the new bands, on CW, SSB, and the digital modes. QSL to W9ILY via the W9 bureau or direct to 8728 S. Sproat Ave., Oak Lawn IL 60453.

**Marshall Islands - V7** Richard LaChance AH6IO returns to Kwajalein Atoll (OC-028) as V73IO Oct. 24-Nov. 2, on 160-6 meters, CW, SSB, and RTTY. QSL direct only with SASE via home address: 263 Kaiulani Ave., #10A, Honolulu HI 96815. Sunrise 1935Z; sunset 0750Z.

**Mongolia - JT** Bator JT1BG will sign JT1BG/6 from Khuzhirt and JU70K/6 from Kharkhorum to Sept. 22. Try 7085, 14223, and 21295 kHz. QSL to JT1BG.

**Shortly Noted**

- 4U1ITU will be active on CW Sept. 25-26, with Luc Glarey I1YRL at the key; QSL him direct via Via San Martino 11, 10091 Alpignano (To) Italy. Luc will also operate from Monaco as 3A/I1TRL in October.
- SV2ASP/a is available Friday, Saturday, and Sunday before 1200Z, especially with OE6EEG in a list operation in the morning, and Sundays at 0630Z on 21205 kHz with IK2IQD. Skeds may also be arranged through QSL manager SV2WT at fax: 31-276-912. Apollo will ask for the call SY0A beginning in 1994.
- ON7ZM/HB0 will be active Sept. 18-23; QSL home call.
- GB1OTA will be available Sept. 22-Oct. 19 in connection with the IOTA Convention. QSL via the UK bureau to GB1OTA, or direct to G3PMR. (DXNS.)
- VP5/ JM1GYQ and JJ1BMB are active Sept. 16-20 on 80-10 meters, SSB, CW, and RTTY. QSL home calls.
- 7P27LI celebrates 27 years of Lesotho independence Sept. 20-Oct. 11, operated by Ray 7P8SR. (DXNS.)
- VK9X/Y? European bulletins suggest an operator by unnamed Germans late this month into early October. No confirmation nor callsigns available.
- The DXCC Backlog at the end of August was a mere 411 applications, with processing taking about 10 days for all but a handful of DXers.
- SSB Net check-ins: 14227 kHz: (11,21Z) 9M8BL D2SA SU1ER YB0HML 8R1AK; 14247: (23Z) ZK3DM ZK1AT V73EH HC8JG AH6DR/KH7 ZB2JL 4S7DA TL8KM; 21355: (18Z) T5KS 5Z4MR.
- RTTY: HL9UU is often on 14084 kHz at 1600Z. Likewise CO2RR at 14086 kHz at 1900Z.
- Islands On The Air: SV8/G0IXC will operate from the Northern Sporades Sept. 18-Oct. 7. Try the IOTA frequencies during his evening hours. QSL home call. SP6TPM will attempt to activate the Latvian Islands (EU-???) this month. (DXNS.)

**Operations Accredited for DXCC**

by Bill Kennamer K5FUV

<u>Callsign</u>	<u>Operations beginning:</u>
5R8DC	13 October 1992
5R8DD	14 October 1992
5R8DE	4 September 1992
5R8DF	4 September 1992
5R8DH	4 November 1992
5R8DI	4 November 1992
5R8DL	9 November 1992
5R8DM	5 November 1992
KP1/W5IJU et al	23 March 1993
T5/KJ6QO	11 March 1993
T5/DL8YR	20 April 1993
T5/DL1VJ	1 March 1993
T5/DF5UX	1 March 1993
T5THW	1 March 1993
TT8AKX	16 January 1993



## Propagation

### Forecast and Historical Data

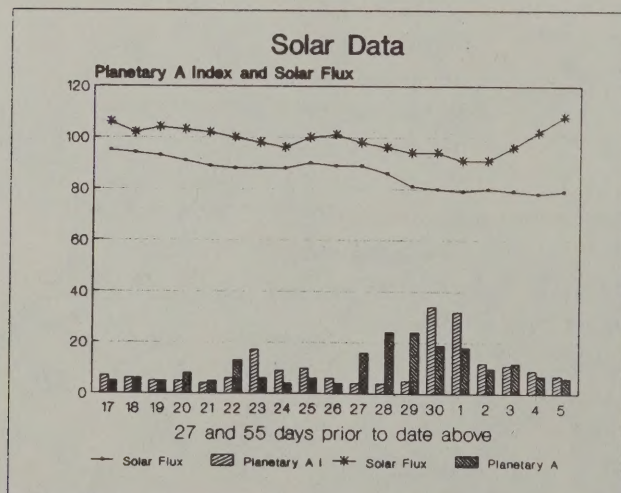
Day	Forecast	27 Days Before	55 Days Before
September 1993	Date	Flux A K	Date Flux A K
17	High Normal	8/22 94 04/06 1	7/25 102 02/06 0
18	High Normal	8/23 93 02/05 1	7/26 104 04/05 1
19	High Normal	8/24 91 03/05 1	7/27 103 07/08 1
20	High Normal	8/25 89 02/04 1	7/28 102 05/05 1
21	High Normal	8/26 88 05/06 2	7/29 100 14/13 4
22	Below Normal	8/27 88 16/17 3	7/30 98 05/06 1
23	High Normal	8/28 88 07/09 2	7/31 96 03/06 1
24	High Normal	8/29 90 09/10 1	8/1 100 00/04 0
25	High Normal	8/30 89 03/06 0	8/2 101 01/06 1
26	High Normal	8/31 89 02/04 0	8/3 98 03/04 1
27	High Normal	9/1 86 00/04 0	8/4 96 16/16 3
28	High Normal	9/2 81 03/05 1	8/5 94 17/24 2
29	Disturbed	9/3 80 30/34 3	8/6 94 18/19 2
30	Disturbed	9/4 79 23/34 1	8/7 91 12/18 1
<b>October 1993</b>			
1	Low Normal	9/5 80 12/12 1	8/8 91 10/10 0
2	Low Normal	9/6 79 10/11 1	8/9 96 11/12 1

### Propagation Watch

As expected, solar activity continued to drop in mid-month. On Sept. 12, the sun was completely spotless. Solar flux fell below 80, depressing maximum useable frequencies (MUFs) so much that the usually productive 20-meter opening to the west at local dawn vanished. Together with the expected geomagnetic storm from a recurrent coronal hole, this very low level of solar activity spelled little or no DXing.

As the graph below shows, solar activity this solar revolution has been significantly lower than even one month previously. The RI sunspot count for August was 42, the lowest level of solar activity in six years. The widely expected rebound of sunspot counts this fall simply hasn't happened.

Seasonal improvement should give DXers some openings on the higher bands during the day, but signals will continue to be weak and noisy. The geomagnetic field should be quieter for the rest of the month, except for a possible disturbance at the end of the month. When the geomagnetic field is very quiet, look for signals on the polar paths. Otherwise, DX is limited to north-south and east-west openings, and they tend to be weak.



## DX Gatherings

- The **W5 DX Bash** is scheduled for Oct. 2-3. For details, contact Bryan Edwards W5KFT at 2811 74th St., Suite B, Lubbock TX 79423, telephone 806-745-3692.
- The **Swedish DX Convention** is Oct. 9-10 in Karlsborg, Sweden. Atsu VK2BEX will talk about the Mellish Reef operation, and Einar LA1EE and Erling LA6VM will discuss the E35X Eritrea trip. For details, contact Roland Raystål SM6OLL, Såggatan 11, 546 32 Karlsborg, Sweden, or call 46 (0) 505-12000 12-1500Z Oct. 4-8.
- The **1993 RSGB HF and IOTA Convention** is Oct. 8-10 at the Beaumont Conference Centre, Old Windsor, Berkshire. The program includes IOTA discussion, 3W3RR, KH5/KH5K DXpedition, AH1A operation, ON4UN on low-band antennas, and more. Details from the RSGB HF Committee, Box 599, Hemel Hempstead, Herts HP3 0SR, UK.
- The **1993 41st Annual New England DXCC Dinner** and convention is Sunday Oct. 24, 9am-4pm at the Sheraton Tara in Lexington MA. Dinner speaker is Mike McGirr K9AJ on the AH1A DXpedition. For details, contact Chip Cohen N1IR at his new address: 2 Ledgewood Place, Belmont MA 02178.
- The **1993 SEANET convention** is Nov. 19-21 at the Hotel Sonargaon in Dhaka, Bangladesh. Registration is US\$100, and hotel rates are US\$115. More details are available from the Bangladesh Amateur Radio League, Box 3512, Dhaka 1000, Bangladesh, phone 8802-811-097 or 098, or via fax at 8802-891-177; attn BARL, or via the net on 14320 khz at 1200Z.

## Contests

- The **Washington State Salmon Run** is 1600Z Saturday Sept. 25 to 2400Z Sunday Sept. 26. CW, SSB, or mixed-mode; QRP (5 watts), low power, and open; Single op (24 hours max) or multi-single. Exchange RS(T) and location (state, province, DXCC country, or county for WA entrants.) Two points for SSB QSOs, three for CW, six N/T CW QSOs. CW in CW subband only. Multipliers are Washington counties (39). Try 1805, 3560, 7045, 14060, 21060, and 28060 khz on CW; 1815, 3925, 7260, 14280, 21380, and 28380 kHz on SSB. Complete details are available from *The DX Bulletin* for an SASE.
- **California QSO Party** is 1600Z Oct. 2-2300Z Oct. 3. It features wine glasses as participation awards. Categories are Single-op; multi-single; multi-multi; mobile; Novice/Tech; and California county expedition. Stations outside of California work California stations; California stations work anyone. California stations exchange QSO number and county; others send QSO number and location (state, Canadian province, or country). Phone contacts are two points, CW QSOs are three points. Multipliers are California counties for non-CA stations, and states and VE provinces for California stations (maximum of 58 for both). 160, 80, 40, 20, 15, 10, 6 and 2 meters. Try CW on 1805 and 40 kHz up; SSB on 1815, 3850, 7230, 14250, 21300, and 28450 kHz. Try CW on the half hour, 160 meters at 0500Z, 75/80 on 0300 and 0700Z, and 147.54 MHz at 2000, 0000, and 0400Z. Logs by Nov. 15 to Ken Anderson K6PU, Box 853, Pine Grove CA 95665. (A copy of the complete rules is available from *The DX Bulletin* for an SASE.)



# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2

## RTTY

5X1C	21090	2130	6	OH
7Z1AB	14084	1825	5	OH
CO7RR	14085	1900	4	OH
FG5FI	18085	0010	7	OH
FR6DX	14087	1510	10	CA
HKØDPA	14088	2130	4	OH
KG4HG	14086	0030	3	OH
PZ1BS	14082	0145	5	OH
RA2FB	14086	2217	1	MN
UB5IPU	14089	1705	8	CA
VK6HD	14086	2317	2	MN
Z32JA	14088	2302	2	MN
ZL3AFT	14081	0245	5	CA

## 80 Meters

4K1F	3507	0245	5	IA
9G1XA	3507	2355	6	NH
9J2BO	3507	0440	4	CA
CX4SS	3501	0943	2	NH
JA1HQT	3505	1015	6	NH
JA1NUT	3506	1405	6	CA
KG4CB	3508	0051	11	FL
KH6XT	3505	0940	6	NH
T3ØDP	3506	1313	7	AZ
UI8ZAA	3501	0035	5	IA
V73C	3503	1110	1	NH
VK2BJ	3507	0940	7	NH
VK6HD	3503	1057	7	MI
Z21HS	3506	0430	5	IA
ZS6QU	3506	2236	6	MA

## 75 Meters

CO1EE	3793	0850	5	CA
FR5DX	3795	1416	7	CA
FT5YE	3799	1207	1	CA
JF1IST	3805	0937	5	CA
LU1WFA	3795	0840	5	CA
SM5SB *	3799	0415	7	CA
TU5DX	3795	2229	4	MA
V85PB	3799	1401	2	CA
VK3DZM	3799	1012	1	NH
VK6LK *	3798	2230	4	MA
Z31PK	3799	0345	1	NH

## 40 Meters

4K1F	7015	0609	4	OR
5R8DG	7005	0300	3	IA
5Z4FO	7003	0200	7	IA
9V1YC	7007	1101	11	FL
9V1ZE	7008	1130	4	IA
CX4SS	7009	1012	2	AL
ES1WN	7004	0514	11	FL
FK8GJ	7002	0840	10	MI
HC5AI	7011	1053	10	MI
HH2LQ	7006	1116	5	MI
HT1T	7010	0134	5	MI
HT1T	7006	1112	7	FL
HZ1AB	7002	0155	3	IA

JA1NUT	7010	0929	5	MI
JT1BR	7011	1132	31	AL
KG4CB	7180	0806	6	CA
LY93JP	7007	0040	10	FL
PZ1DY	7026	0748	3	FL
T3ØDP	7006	1240	4	IA
TA4A	7011	0135	6	GA
TU2XZ	7015	0420	1	IA
UR8J	7015	0145	5	GA
VP2MH	7012	0946	10	MI
VP8PTG	7004	0148	9	FL
VR8B	7000	1050	11	FL
Z21HS	7005	0521	11	FL
Z31CZ	7011	0430	3	FL
ZA1J	7007	0125	6	GA
ZL2RY	7007	0947	7	NH

## 30 Meters

3B8CF	10106	1355	7	AZ
4K1F	10106	0016	5	CA
7Q7XX	10101	2120	10	FL
9V1YC	10103	1520	5	CA
FK8GJ	10103	0609	5	CA
FK8GJ	10104	1428	9	MI
FR5DD *	10105	1238	6	FL
HP1XBH	10104	2304	2	NH
LZ1WR	10101	2256	5	NY
P29PL	10107	0721	4	CA
T3ØDP	10104	1229	5	KS
VQ9QM	10107	1143	7	FL

## 20 Meter CW

4J7GWO	14026	0310	1	CA
4J7GWO	14003	2042	8	NH
4K2BY	14037	0248	2	IL
4K3/	14021	1141	31	AL
UA1ZFQ				
4LØJA	14030	0205	3	GA
4L8A	14020	2158	1	VA
4S7WP	14036	0125	2	GA
7Z2AB	14005	2045	30	VA
9J2BO *	14004	1300	6	IA
9K2MU	14010	1900	8	NH
9K2ZZ	14008	1716	8	NH
9M2AX	14025	1400	2	MI
9X5HG	14053	1919	4	GA
BV4CT	14025	1615	2	MO
BV7FC	14020	1209	8	NH
C91J	14012	1914	27	ID
D2EYE	14010	2100	31	MN
D68CA	14010	1829	29	MT
EX8F	14025	0339	31	SC
FR5DD *	14020	1222	6	FL
FY5YE	14004	1830	4	MO
HC5C	14020	1152	7	FL
HKØDPA	14022	1500	5	CA
HKØER	14020	0013	11	FL
HKØER	14025	1921	4	GA
HP1XBH	14006	2257	4	NH
HT1T	14028	1430	4	GA
HZ1AB	14002	0245	3	IA
OX3NUK	14025	2124	7	FL
OY1R	14022	1920	30	MI

PZ1DY	14035	2215	4	GA
RM8MW	14027	1436	1	CO
TG9YV	14004	0002	11	FL
UAØQFC	14019	1915	2	MI
UAØYO	14009	0140	2	MA
UA2FDD	14048	2037	6	FL
UD8F	14024	0357	1	AZ
UI8IZ	14024	0257	1	IL
UI9AWX	14010	0156	6	FL
UJ7GWO	14026	0307	1	CO
UJ8JA	14005	0220	30	CO
UN7CBS	14013	1445	31	MI
UN7EC	14011	0335	1	CA
UN7FCO	14024	0141	11	FL
UN8CWA	14018	0301	2	IL
UO5AW	14016	1440	31	MI
UR8J	14019	1201	5	NH
V73C	14002	0240	7	MI
V73C	14032	1155	5	GA
V85US	14025	1307	2	CO
VP2MH	14020	0042	11	FL
VU2HFR	14010	1403	1	CO
VU2NTA	14015	0238	2	IL
YB3OSE	14039	1310	2	VA
ZP5XFB	14006	2239	4	NH

## 20 Meter SSB

3B8DB	14204	0316	1	IL
4L4KK	14180	0318	2	IL
9G1UW	14235	2306	6	MA
9K2GS	14195	0310	3	FL
9K2JCL	14204	0300	3	FL
9K2ZZ	14198	0028	3	MA
9K2ZZ	14192	1753	4	MA
AP2AL	14182	0340	1	CA
AP2AL	14184	1540	31	NJ
BV4OB	14179	1330	1	NJ
BY1QH	14206	1315	1	VA
BY2AA	14221	1301	30	MA
BZ5HAN	14194	1232	29	MD
C91S	14204	1320	5	IA
CN8ST	14222	2120	31	NJ
CP5VW	14212	0505	2	MA
D2SA	14195	0220	4	CO
DU6BG	14193	1355	2	MD
FK8FI	14195	0410	5	CA
H44KA	14163	1230	30	MD
HSØZAK	14202	1220	1	AL
HSØZBH	14192	1155	2	IA
JT1CC	14226	1541	29	VA
UI8ZAA	14197	0254	1	CO
UI8ZAC	14168	0323	2	IL
UJ8JMM	14241	0300	1	CA
V73C	14236	1206	3	MA
V85PB	14195	1121	1	VA
VU2DST	14189	0223	1	VA
VU2RAK	14186	0322	1	IL
XV7TH	14195	1326	6	MA
XX9GD	14197	0327	2	IL
XX9GD	14197	1150	2	IA
ZK3DM	14221	0231	6	CA
ZP2AL	14182	0339	1	IL
ZS8MI *	14220	1355	6	IA

## 17 Meter CW

4S7WN	18081	1656	8	NH
9J2BO	18077	1326	3	NH
C31LL	18072	2117	3	MI
D2EYE	18083	1223	2	NY
HC5AI	18074	1316	2	NY
HR1LW	18070	2300	9	MI
J28JA	18080	1602	1	SC
S92SS	18070	2155	3	MI
VP2MH	18078	2105	4	GA
VQ9QM	18069	1541	1	SC
VQ9RM	18076	1550	8	NH
XQØYAF	18080	1614	4	NH
Z31PK	18072	1548	1	MI
ZS6QU	18077	1619	1	NY

## 17 Meter SSB

8R1AK	18133	2149	5	MA
9V1XA	18130	2310	3	FL
CO1RG	18140	2350	3	CA
S92YL	18159	2102	2	SC
V31ML	18139	2254	4	CA
ZB2JL	18138	1757	28	CA
ZP5JCY	18147	2340	4	FL

## 15 Meter CW

3C1TR	21025	2138	2	MO
3D2AG	21025	0006	5	KS
7P8SR	21020	1606	28	VA
8R1J	21026	2222	5	NH
9X5DF	21010	1755	6	GA
FS4PL	21027	1857	4	GA
PZ1DY	21028	2002	4	GA
TZ6FIC	21010	1543	30	SC

## 15 Meter SSB

5X1A	21323	1720	4	CA
8Q7AA	21223	1512	2	MD
9M2DM	21290	1525	26	MA
9V1WW	21275	1534	26	MA
9V1YC	21285	1647	26	MA
CN8EC	21248	1605	1	NJ
ET3SID	21249	1540	1	NJ
ET3YU	21286	1437	2	NH
HP1XVH	21310	1705	4	CA
OD5ZN	21280	1548	2	MD
VR6ID	21290	1635	6	IA
YB7BBI	21249	1330	26	MA
YI1MH	21243	1511	26	MA
ZD7SM	21257	1830	5	IA

## 12 Meter SSB

ZP5JCY	24950	2321	5	CA
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## 10 Meter CW

OA4CWR	28007	2003	6	KS
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## 10 Meter SSB

OA4BRU	28367	2330	28	OR
ZK3DM	28495	0044	7	CA



## Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland Islands	OH0DX	SAC CW and SSB	I705
	OH0/OH2EW	SAC SSB	I705
Bahamas	C6A/N3NCW	to Sept. 20	I704
	C6A/W9ILY K2ZDC	Oct. 17-20	I705
Belize	V31 JV JW	Sept. 21-Oct. 12	I704
Bermuda	VP9/K1EFI	Sept. 23-Oct. 5	I704
Crete	SV9/ OE1NBW	to Sept. 24	I703
Eastern Kiribati	T32 T32RA RS	Sept. 28-Oct. 4	I704
Ethiopia	ET ET3BH	September	I702
Fiji	3D 3D2VY?	Sept. 23-30	I704
Gambia	C5 C56V	Oct. 28-Nov. 3	I701
Gibraltar	ZB2/SM4DHF	Sept. 22-28	I702
ITU Headquarters	4U1ITU	Sept. 25-26	I705
Iran	EP EX0s	October	I701
Leichtenstein	HB0/ON7ZM	Sept. 18-23	I705
Madagascar	5R 5R8DL	Sept. 16-21	I704
Marion Island	ZS8MI	14195 1300Z	I696
Marshall Islands	V7 V73IO	Oct. 24-Nov. 2	I705
Mellish Reef	VK9MM	Sept. 19-28	I699/704
Mongolia	JT JT1BG/G	to Sept. 22	I705
Mt. Athos	SV2ASP	active again?	I704
Mozambique	C9 C91A	Sat. PMs 21225	I699
Nauru	C2 TBA	Feb. 23-Mar.2	I697
Niue	ZK2 ZK2DM?	Sept. 28-Oct. 12	I704
Peter I Island	3Y	Feb. 1-17	I685
Pratas Island	BV BV9P	Oct. 6-16	I693/5
St. Maarten	PJ PJ8DD	Sept. 17-20	I704
	by W7s	Sept. 22-27	I704
Somalia	T5/ N3HQW	now active?	I704
Taiwan	BV 2TA,4CT,7FC	20M CW 1130-15Z	
Tanzania	5H 5H3FOE	July-Oct.	I696
	HB9HAL	Now?	I704
Tokelau	ZK3 ZK3DM	to Sept. 20	I704
Tristan da Cunha	ZD9SXW	Oct. 1-21	I704
Turks & Caicos	VP5/ JM1GYQ JJ1BMB	Sept. 16-20	I705
Uganda	5X 5X1B	21030 1900Z	I683
Western Kiribati	T30 RA RS GV	Sept. 22-27	I704

## Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
Sept. 18-19	Scandinavian Activity CW	I703
Sept. 18-19	Papua New Guinea Activity	I704
Sept. 25-26	Scandinavian Activity SSB	I703
Sept. 25-26	CQWW RTTY Contest	CQ
Oct. 2-3	California QSO Party	I705
Oct. 2-3	VK-ZL-Oceania SSB Contest	CQ
Oct. 2-3	W5 DX Bash	I705
Oct. 8-10	RSGB HF/IOTA Convention	I705
Oct. 9-10	VK-ZL-Oceania CW Contest	CQ
Oct. 9-10	Swedish DX Convention	I705
Oct. 16-17	JARTS WW RTTY	RTTY Journal
Oct. 24	New England DXCC Dinner	I705
Oct. 30-31	CQWW SSB Contest	CQ
Nov. 13-14	WAE RTTY	CQ
Nov. 19-21	SEANET Convention Bangladesh	I705
Nov. 27-28	CQWW CW Contest	CQ

## Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Albania	ZA1J	7005±	0130Z
Angola	D2EYE	18080	1230, 1845Z
Azerbaijan	4J7GWO	14025	0300Z
Ecuador	HC5AI	18073	often
Ecuador	HC5AI	7010	1100Z
Ethiopia	ET3YU	21300±	1430Z
French Guiana	FY5YE	14003	1830Z
Guyana	8R1AK	18140±	2200Z
India	VU2NTA	14017±	0245Z
Kuwait	9K2GS	14196	0300Z
Kuwait	9K2ZZ	14010±	21Z Thrus.
New Caledonia	FK8GJ	10104	0600Z
Reunion Island	FR5DD	14019	1200Z
Rwanda	9X5DF	21010	1800Z
Sao Tome	S92SS	18081±	19-0000Z



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South Shetlands	4K1F	3506	0245Z
Suriname	PZ1DY	7030±	0800Z
Suriname	PZ1DY	14032±	2200Z
Taiwan	BV7FC	14015±	12-1400Z
Thailand	HS0ZAK	14198±	1220Z
Ukraine	UR8J	14020	1200Z
Uzbekistan	UI8ZAA	14197	0300Z
Vietnam	XV7TH	14195	1330Z
West Malaysia	9M2AX	14027±	1400Z
Western Kiribati	T30DP	7005/10105	1230Z

## Contributors

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